



JC04 Rec'd PCT/PTO 03 OCT 2005 PCT

ATTORNEY'S DOCKET TAN-354  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: ) Group Art Unit:  
 )  
 Chiaki YOKOYAMA, et al. )  
 ) Examiner: Unknown  
 Serial No. 10/548,407 )  
 )  
 Filed: September 8, 2005 )

For: **METHOD FOR CONCENTRATION OF DISPERSION CONTAINING FINE PARTICLES AND A METHOD FOR RECOVERY OF FINE PARTICLES**

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

An Information Disclosure Statement is submitted herewith pursuant to 37 C.F.R. §1.97-1.98. Please note the following particulars:

[NOTE: One only of items a, b, c, and d must be checked.]

[ X ] a. The enclosed statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 C.F.R. §1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.

[ ] b. The enclosed statement is being filed after a first action on the merits but before the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311.

The enclosed statement is accompanied by [check one]:

[ ] i. a certification in part (e) below as specified in 37 C.F.R. §1.97(e), or  
[ ] ii. a check in the amount of \$ required by 37 C.F.R. §1.17(p).

[ ] c. The enclosed statement is being filed after the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311, but before payment of the issue fee.

PETITION: It is requested that the information being submitted be considered. [NOTE: If box (c) is checked, the following two boxes must be checked.]

[ ] PETITION FEE: A check for \$180.00 required by 37 CFR §1.17(p), is enclosed.

[ ] CERTIFICATION is attended to in box (e) below.

[ ] d. The enclosed statement is being filed pursuant to 37 C.F.R. §1.97(i), for placement in the file.

[ ] e. Certification [Check one] [Certification is required only if box (b)(i) or box (c) is checked.]

[ ] I hereby certify that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement,

or

[ ] I hereby certify that no item of information in the enclosed Information Disclosure Statement herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

or

[ ] Appropriate certification is attached.

[ X ] f. If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due in connection with this communication to Deposit Account No. 19-1980.

Respectfully submitted,

~~SHERMAN AND ASSOCIATES~~

~~Attorney for Applicants~~

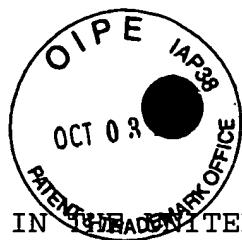
Robert L. Haines

Req. No. 35,533

**SHERMAN AND ASSOCIATES**

415 n. Alfred Street  
Alexandria, Virginia 22314  
703-549-2282

TAN-354



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Chiaki YOKOYAMA, et al.

Serial No.: 10/548,407

Group:

Filed: September 8, 2005

Examiner:

FOR: METHOD FOR CONCENTRATION OF DISPERSION CONTAINING FINE PARTICLES AND A METHOD FOR RECOVERY OF FINE PARTICLES

Date: September 29, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 223131450

INFORMATION DISCLOSURE STATEMENT

Sir:

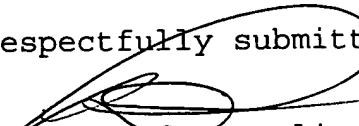
In accordance with their obligation under 37 C.F.R. §1.56, Applicants would like to call the Examiner's attention to the documents listed on the attached form SB-08B

Applicants note that all of the documents listed are discussed in the specification of the subject application at pages 2 and 3.

Copies of the listed documents together with English translations where necessary are provided.

Applicants are not aware at this time of any other prior art which could be considered to be relevant to the present application.

Respectfully submitted,

  
Attorney for Applicants  
Robert L. Haines  
Reg. No. 35,533

SHERMAN & ASSOCIATES  
P.O. BOX 788  
Alexandria, Virginia 22313  
(703) 549-2282

OCT 03 2005

IAP38

PTO/SB/08B (07-05)

Applicant for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

U.S. PATENT &amp; TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/548,407
Filing Date	September 8, 2005
First Named Inventor	Chiaki YOKOYAMA
Art Unit	
Examiner Name	

Sheet

1

of

1

Attorney Docket Number

TAN-354

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		T. WELTON. Room-Temperature Ionic Liquids. Solvents For Synthesis and Catalysis. Chem Rev. 1999, 99., pg 2071-2083, Amer. Chem. Soc.	
		H. SASAKI. Environmentally Beginning Reaction Which Uses Organic Ionic Liquid as a Solvent. Chemical, vol. 55, No. 3, 2000, pg 66-67	✓
		K. NOBUO. Development of New Ionic Liquid and their Solvating Characteristics. Japan Chemical Society, 78th Spring Annual Meeting, Abstract 1, Lecture 2A1 06	✓
		L. A. BLANCHARD. High-Pressure Phase Behavior of Ionic Liquid/CO <sub>2</sub> Systems. J. Phys. Chem. B 2001, 105, 2437-2444, Amer. Chem. Soc.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.